HEIDI M. HARTMANN

Environmental Health Risk Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S.	University of Minnesota, Minneapolis, Public Health, 1987 (Emphasis on Environmental Toxicology and Epidemiology)
B.A.	University of Illinois, Champaign-Urbana, German, 1984
B.S.	University of Illinois, Champaign-Urbana, Biochemistry, 1983

Professional Experience:

1990-Pres. Environmental Systems Engineer
Environmental Science Division, Argonne National Laboratory

Area of expertise is human health risk assessment, including exposure pathway analysis, and assessment of acute and chronic toxicity potential for a broad range of chemicals and environmental stressors (e.g., magnetic field exposures). Management experience includes Project Manager for the Solar Energy Development Programmatic Environmental Impact Statement (PEIS) and Associate Manager for the Oil Shale/Tar Sands PEIS. Experience includes preparation of site assessments, cumulative impact assessments, determination of data necessary for conducting exposure and risk assessments, evaluation of data relative to existing standards and guidelines, and preparation of appropriate environmental documentation of human health risk analyses to support project actions. Recent projects have focused on energy development, such as the Trans-Alaskan Pipeline Renewal EIS (Bureau of Land Management 2002), Imperial-Mexicali 230-kV Transmission Lines EIS (DOE and DOI 2004), Outer Continental Shelf Renewable Energy and Alternate Use PEIS (Minerals Management Service 2007) and the Oil Shale/Tar Sands PEIS (BLM 2008). Participated both in technical analyses and technical project management.

Summary of Previous Experience:

1988-1990 Health Risk Assessment Section, Minnesota Department of Health

Prepared Health Assessments for Minnesota National Priorities List (Superfund) sites, under a cooperative agreement with the federal Agency for Toxic Substances and Disease Registry.

1987-1988 Division of Epidemiology, University of Minnesota

Analyzed data from studies of cardiovascular disease mortality, morbidity and risk factors. Included use of univariate and multivariate statistics, and database maintenance.

Publications:

Author or co-author of 50+ journal, report, and conference publications and presentations.